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Notice of Allowability	Application No.	Applicant(s)	
	10/038,061	RETSCHKE ET AL.	
	Examiner Que T. Le	Art Unit 2878	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. This communication is responsive to the Election filed 2/19/04.
2. The allowed claim(s) is/are 1-27.
3. The drawings filed on 03 January 2002 are accepted by the Examiner.
4. Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) All b) Some* c) None of the:
 1. Certified copies of the priority documents have been received.
 2. Certified copies of the priority documents have been received in Application No. _____.
 3. Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
6. CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) hereto or 2) to Paper No./Mail Date _____.
 - (b) including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. Notice of References Cited (PTO-892)
2. Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____
4. Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. Notice of Informal Patent Application (PTO-152)
6. Interview Summary (PTO-413),
Paper No./Mail Date _____.
7. Examiner's Amendment/Comment
8. Examiner's Statement of Reasons for Allowance
9. Other _____.


Que T. Le
Primary Examiner

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This is in response to Applicants' Election filed February 19, 2004.

Applicant's election without traverse of the invention Group I, claims 1-7, 26 and 27 filed February 19, 2004 is acknowledged.

After further review of all of the claims, examiner reveals that all of the claims should be examined at once because all of the claims are closely related. Thus, the previous Restriction requirement, dated January 13, 2004, is hereby rescinded and claims 1-27 will be examined. Examiner regrets any inconvenience which would have occurred.

The following is an examiner's statement of reasons for allowance: The prior art fails to teach an apparatus for scanning a beam across a surface, among other features, comprising a scanner for scanning a pulsed laser beam across the surface; and a position indicator for receiving the pulsed laser beam at a plurality of locations from the surface, and outputting position indications indicating a position of the beam along the surface. The prior art also fails to teach a system for recording a pattern on a substrate, among other features, comprising a modulator receiving a pulsed laser beam for producing a modulated pulsed beam in response to a pixel defining signal; and a scanner scanning the modulated pulsed beam across the surface of the substrate to record a pattern defined by pixels on the surface, wherein a rise time of the pixel defining signal is less than a pixel period of the pixels.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably

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accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

I) Hamada 4,940,310 discloses an optical scanning system having a plurality of laser beams and a modulation starting detection for the beam.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Que T. Le whose telephone number is (571) 272-2438.



Que T Le
Primary Examiner
Art Unit 2878